Info-Hams Digest   Wed, 20 Jul 94   Volume 94 : Issue 818

Today's Topics:
                         17 weeks to upgrade!
                2M All-Mode Wanted (TR751, FT290,etc)
                Anon-Post-To: rec.radio.amateur.misc
                   ARLB062 BOD meeting highlights
                  ARLB063 Legislation moves forward
                   Autek Research Antenna Analyst
                             CW on CB
                   Elmers, please read (Re: CW)
                 HEATHKIT radio clock and Linux?
                HELP! Whats up with callsign server
                    HELP:Tailgate at Flagstaff
                  Looking for info on tube tester
            Newsline update schedule for Melbourne Florida
                      No VA Comm Engineers
                    Reviving old NiCads (2 msgs)

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

>In article <philkeys-150794151242@ptpm001.olympus.net> Phil Keys writes:
>Passed the exam to upgrade to General on March 16, got my notification
>today - 17 weeks later.

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>
>--
>philkeys@pt.olympus.net (Phil Keys)      KB7WXQ
>Software Consultant - specializing in software safety & SQA
>Port Hadlock, WA 98339     (206) 379-8650
>West of Puget Sound.....South of British Columbia.... 122 44.0W  48 02.0N
>_____>
Anyone knows if it takes this long just to do a simple address change?
Do all 610's go in the same pile? tnx..73, Tom WB4iux
(Tom.Skelton@ClemsonSC.NCR.COM)
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Date: 19 Jul 94 19:54:04 EST
From: csusys.ctstateu.edu!white@yale.arpa
Subject: 2M All-Mode Wanted (TR751, FT290,etc)
To: info-hams@ucsd.edu

Looking for  a good 2M all-mode, like a TR751A .... FT290II....or what have
you.  Email offers to white@csusys.ctstateu.edu
73 de N1QVE
Harry
```

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Date: 20 Jul 1994 04:51:55 GMT
From: ihnp4.ucsd.edu!agate!soda.berkeley.edu!remailer@network.ucsd.edu
Subject: Anon-Post-To:  rec.radio.amateur.misc
To: info-hams@ucsd.edu

The Candlewood Amateur Radio Association (CARA) will sponsor the
1994 Connecticut QSO party, to be held 30 JUL 2000 to 31 JUL 0400
UTC and 31 JUL 1200-2000 UTC.  Bands will be 160, 80, 40, 20, 15,
10, 6 & 2m.  Stations may be worked once per mode on each band.
CARA will operate W1AW (the ARRL station Hiram Maxim memorial
station) on Sunday, 31 JUL. As well the club station, W1QI, will
operate throughout the contest.

Plaques will be awarded to first place CT stations for several
categories.  Certificates will be awarded first place stations in
other states, as well as second and third place in all states.

To all those who participate, good luck.  To those that don't, if
you hear a station calling CQ Connecticut QSO Party, by all
means, pick up the mike and reply!

For an operating package, contact Frank, N8WXQ, (address
in Callbook).
```

73 DE N1QNK
Jim
bomb columbia
columbia plutonium

For more information about this anonymous posting service,please send mail
to remailer@soda.berkeley.edu with Subject: remailer-info.

To respond to the sender of this message, send mail to
remailer@soda.berkeley.edu, starting your message with
the following 7 lines:
::
Response-Key: ideaclipper

====Encrypted-Sender-Begin====
MI@```$IS^P;+]AB?X9TW6\8W2:2P&2&T*]VO$_#P,E``(^T&E*S31NLOV:T8
B4]NB&U'2R#H[/:0C/P5F[.B@<M.UGLH(,DU1?)-`%\+S@P`U
====Encrypted-Sender-End====

Date: Tue, 19 Jul 1994 12:51:30 GMT
From: gatech!kd4nc!ke4zv!gary@uunet.uu.net
Subject: ARLB062 BOD meeting highlights
To: info-hams@ucsd.edu

In article <$arlb062.1994@ampr.org> w1aw@arrl.org writes:
>
>The Board commissioned an RF Safety Committee to advise the Board
>and staff on safe operating practices for the development of policy
>and educational methods and materials. Members to be selected by
>the President.

Hmmm. No mention of the resignation of the entire Bioeffects Committee.
I wonder if anyone with legitimate credentials will be willing to be
on this new committee.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Tue, 19 Jul 1994 18:16:19 EDT
From: psinntp!arrl.org!usenet@uunet.uu.net
Subject: ARLB063 Legislation moves forward
To: info-hams@ucsd.edu

SB QST @ ARL $ARLB063
ARLB063 Legislation moves forward

ZCZC AG28
QST de W1AW
ARRL Bulletin 63   ARLB063

Date: 20 Jul 94 17:21:57 GMT
From: news-mail-gateway@ucsd.edu
Subject: Autek Research Antenna Analyst
To: info-hams@ucsd.edu

In the latest issue of CQ there is brief writeup of the AR RF Analyst.
What I like to know is if you have had experience with the unit and
what is the price. Thanx
....
                       73 de Walt Kornienko - K2WK (FRC)
waltk@pica.army.mil   K2WK > W2JT or K2WK@N2ERH.NJ.USA.NOAM

Date: 20 Jul 94 15:03:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: CW on CB
To: info-hams@ucsd.edu

I haven't seen any followup on teaching CW on CB, so --

FCC 95.627(c) seems pretty clear -- Non-voice emission is limited to
selective calling or tone-operated squelch tones to establish or continue
voice communications.

Otherwise, VOICE ONLY.

But, otherwise, when did anyone ever care what happened on CB?

Paul Marsh   N0ZAU   Omaha   pmarsh@metro.mccneb.edu

Date: 20 Jul 94 17:52:11 GMT
From: news-mail-gateway@ucsd.edu
Subject: Elmers, please read (Re: CW)
To: info-hams@ucsd.edu

Text item: Text_1

>A few hours on the Novice bands the other evening convinced me that
>we're neglecting a critical area of training, and that is the area
>of sending intelligible CW. Greg

Hi Greg, I couldn't agree with you more. When I took my CW exam to
obtain W(N)5DXP at the FCC in 1953, they required me to send as well as
receive. A lot of today's Novices would flunk that CW exam because
of the problem you mention. If the FCC and hams are serious about
the CW requirement, then the sending test should be reinstated. At
the very least, the people who pass the receiving portion of the code
test should be required to send and get graded on their sending even
if it doesn't count toward the license. Grades could range from 'A'
for a perfect fist to 'F' for unintelligible. It would be up to the
individual then to choose to do something about his/her fist. Or
maybe the ham community could just recommend against straight keys
for beginners like we recommend against cathode keyed oscillators.

73, KG7BK, OOTC, CecilMoore@Delphi.com   (Not speaking for Intel)

Date: 19 Jul 94 22:45:27 GMT
From: ihnp4.ucsd.edu!agate!headwall.Stanford.EDU!csd-d-3.Stanford.EDU!
mjg@network.ucsd.edu
Subject: HEATHKIT radio clock and Linux?
To: info-hams@ucsd.edu

jmorriso@bogomips.ee.ubc.ca (John Paul Morrison) writes:

> The Heathkit WWV clock has a serial output. I'd like to know how I can
> hook this up to Linux so other machines can set their clocks
> accurately (ie using rdate or xntp over packet or on the local
> ethernet LAN).

Sounds like you want xntp3, the current implementation of the Network
Time Protocol. Check out comp.protocols.time.ntp and the files
available for anon FTP on louie.udel.edu in pub/ntp. I've not yet built
the more recent version on Linux, but much of the reference clock work
has been done for you already; even if you don't need the entire NTP
suite (it's nice to have good time) the already-written code may help.

Date: Wed, 20 Jul 1994 03:42:40 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!eff!news.duke.edu!news-feed-1.peachnet.edu!umn.edu!
dialup-3-187.gw.umn.edu!juste001@network.UCSD
Subject: HELP! Whats up with callsign server
To: info-hams@ucsd.edu

I hope this is the right place to post this...
Ive only had reason to telnet into the various callsign servers once or
twice...I never had a problem before
BUT now when I try any of the three I know of (Buffalo, pc.usl, and
ns.risc)the gateway opens but nothing else...Ive waite as much as an
hour, and tried around the clock for two days.
Is there a new address or other route??
Thanks for any advice you might offer!

Date: 20 Jul 1994 01:00:04 GMT
From: eng.iac.honeywell.com!ws07.iac.honeywell.com!dphillips@uunet.uu.net
Subject: HELP:Tailgate at Flagstaff
To: info-hams@ucsd.edu

Rumor has it that all of the space for tailgate sellers at Flagstaff this weekend
have been filled up. Does anyone have info regarding this and is there any chance
of additional space being made available ????????/

Date: Wed, 20 Jul 1994 01:43:53 GMT
From: nih-csl!arm@uunet.uu.net

Subject: Looking for info on tube tester
To: info-hams@ucsd.edu

I am looking for any information on the following tube tester:

RD Instruments Model KS-15874-L2 Cardmatic Tube Tester
made by Hickok Electrical Instrument Company.

The tester uses punch cards. I have a copy of the manual. I would
like to get punch cards for the tester, or at least the punch patterns
for common as well as very old vacuum tubes. The KS-15874-L2 was made
especially for Bell Systems, but it may be compatible with the
Model 123 Cardmatic.

I would appreciate any information on this unit. I would also like
to find someone with cards for this unit or the 123.

Please Email me directly if possible. Many thanks in advance.

Andy Mitz (WA3LTJ)
arm@helix.nih.gov
Kensington, MD

--

Andrew Mitz, Biomedical Eng., National Institutes | Opinions are mine alone
of Health Animal Center, Poolesville, MD | arm@helix.nih.gov

Date: 20 Jul 94 17:47:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: Newsline update schedule for Melbourne Florida
To: info-hams@ucsd.edu

Due to conditions beyond our control, the Melbourne, Florida, number for the
Amateur Radio Newsline will not have the July 29th tape running until August
3rd.

This is due to all who are involved with keeping this line running having
prior committments that wrap around that weekend and no one will be available
to make a new tape to update the answering machine at (407) 259-4479.

This delay affects this number only. It is possible that there will be a
similar delay the weekend of September 10th. For these times, we recommend
calling (805) 296-2407.

Those calling (407) 259-4479 should hear the July 22nd edition of Newsline.

Thank you....73, bill wb9ivr
Collins Amateur Radio Club/Melbourne, Florida.

Date: Tue, 19 Jul 94 21:43:47 EDT
From: paperboy.ids.net!usenet@uunet.uu.net
Subject: No VA Comm Engineers
To: info-hams@ucsd.edu

A large Northern Virginia organization is looking for entry
level U.S. citizen communications engineers to work in
analyzing HF through UHF communications systems. Resumes will
be processed by the corporate personnel department in
accordance with EEO policies and regulations. Please submit
resumes (ASCII, UUENCODE, or RTF) to

C. A. La Varre
a.lavarre@ids.net
==
STAFFING REQUIREMENTS REQUEST

Clearance Level: SECRET

New Position: Immediate
Project: Communications Engineering

Location: Arlington, VA

TITLE/LEVEL: Research Assistant/Consultant (A/I)

FUNCTION TITLE: Electrical Engineer (Communications)

JOB DESCRIPTION: Analyze radio and computer communications
systems and design appropriate integration systems. Use
established electromagnetic and circuit level theory. Apply
modulation standards and protocols of the ITU-T
Recommendations, IEEE/ANSI standards, and DOD MILSTDs,
including elements of ITU-T V-series (V.22, 32, 42) and
G-series. Design and implement graphical user interfaces for
communications programs using C or Microsoft V- Basic. Perform
communications tests and data collection. Write technical
reports and performance analyses.

REQUIRED EXPERIENCE: Robust academic background in Electrical

Engineering with a focus on radio communications. Practical
experience in configuring transmitters, receivers, modems,
antennas from HF through UHF, IBM-compatible PCs, MS-DOS, and
Microsoft Windows. Practical experience with satellites,
cellular, packet radio, and military or commercial
telecommunications technical control facilities a plus.
General or Advanced Class Amateur Radio License an asset.

SALARY RANGE: $25,000 - $35,000

EDUCATION REQUIREMENTS: BSEE. Robust academic background
in Electrical Engineering with a focus on radio communications.
Mathematics through Differential Equations, Probability Theory,
and Introductory Statistics. Knowledge of Laplace, Fourier, and
Z-transforms, Circuit Analysis, and Electromagnetic Theory a
must. Data Communications and Communications Theory a plus.
Control Theory, Systems Engineering, or Operations Analysis an
asset.

COMMENTS: Communications interest and experience (military,
amateur, or commercial) and general computer programming
(Basic, Visual Basic, or FORTRAN) a must. Data communications
and protocols (Internet, TCP/IP) a plus. U.S. Navy experience
and satellite communications an asset.

Date: 19 Jul 1994 23:57:27 GMT
From: uchdcc!manutara!ce2usm@uunet.uu.net
Subject: Reviving old NiCads
To: info-hams@ucsd.edu

David Cripps (cripps@hk.net) wrote:
>I remember in the dim and distant past, an article explaining how to revive
>"dead" NiCads (Not just ones with a poor memory)

>I think it was something along the lines of applying an overvoltage!

yo can put into salt at yours NiCd???....
if yes....good..... if not... i'm sorry!

this batteries usually have a life of about 400 charges..

>Anyone else know the trick or do I threw my old NiCads away and start again.

>Dave
73'
Eduardo CE2TBO

Date: Tue, 19 Jul 1994 12:54:05 GMT
From: gatech!kd4nc!ke4zv!gary@uunet.uu.net
Subject: Reviving old NiCads
To: info-hams@ucsd.edu

In article <cripps.1.0011F98A@hk.net> cripps@hk.net (David Cripps) writes:
>I remember in the dim and distant past, an article explaining how to revive
>"dead" NiCads (Not just ones with a poor memory)
>
>I think it was something along the lines of applying an overvoltage!
>
>Anyone else know the trick or do I threw my old NiCads away and start again.

Yes, a trick to *temporarily* fix shorted NiCads is to charge a capacitor
to a high voltage, say 100-200 volts, and zap it across the NiCad. It'll
often burn away the dendrite that's shorting the cell and let it work again.
The dendrites do come back, so it's only a temporary fix. Don't do this to
a pack, do it to individual cells.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: (null)
From: (null)

Date: Tue, 19 Jul 1994 12:39:43 GMT
From: gatech!kd4nc!ke4zv!gary@uunet.uu.net
To: info-hams@ucsd.edu

References <397@doghouse.win.net>, <tedtrostCt3qoD.uI@netcom.com>,
<412@doghouse.win.net>‾
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)
Subject : Re: Gray Areas of 'No Commercial Use'

In article <412@doghouse.win.net> jsalemi@doghouse.win.net (Joe Salemi) writes:

>
>In article <tedtrostCt3qoD.uI@netcom.com>, Ted Trost (tedtrost@netcom.com)
writes:
>>: May not be commercial under the current rules, but could be a violation
>>: of the third-party traffic rules.
>>
>>Huh? Which rule?
>
>97.115, which governs third-party communications. It's possible to get
>messages over the internet that are from countries that the US doesn't
>have a third-party agreement with. Transmitting those messages over the
>air (in the case of reading your remote mail over the air, for example)
>could be a violation of this rule. That's why the internet<->packet
>gateway systems hold mail first so the sysop can check to make sure the
>traffic is legal before releasing it.

This isn't exactly right, Joe. The restriction on third party communications
with unapproved countries only holds when one of the stations is in that
country. It's routine on the HF packet nets to route traffic for a
station in a country with which we don't have a third party agreement
via a station in a third country which has third party agreements with
both countries. The FCC only cares about the immediate pair of stations
doing third party traffic, not the ultimate origin or endpoint of traffic.
However, content rules do apply, so gateway operators screen for language
and commercial content.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 19 Jul 1994 22:24:05 -0500
From: news2.sprintlink.net!news.sprintlink.net!bga.com!bga.com!nobody@uunet.uu.net
To: info-hams@ucsd.edu

References <H.eg.0U7_ULhYMq6@harvee.billerica.ma.us>,
<30bqcb$lot@nntp.club.cc.cmu.edu>, <30hec6$inu@wizard.uark.edu>ed.ACO
Subject : Re: *finally it arrived* (but why no plus?)

In article <30hec6$inu@wizard.uark.edu>,
Peter Laws <plaws@comp..uark.edu> wrote:

>Curious: "Technician Plus" is one of the *SIX* license classes listsed on
>the new FCC Form 610. Wonder why they bothered if that class doesn't exist.

Soon those new FCC Form 610's will start going through the computer, and
the licenses WILL actually say "Technician Plus" or "Tech Plus". (You get
the idea..) I thought I saw someone saying that the new licenses are
already coming out with "Tech Plus", maybe I was wrong. But if it hasn't
already started, it's soon to come...

>
>Another curiosity: no specific exemption is made in the rules regarding
>the expiration of CSCEs for Tech+ hams - those too should expire in 365
>days - but they don't.

Actually, I think it specifically says on the CSCE that they never expire
if they are the 5 wpm credit for a Technician. However, if they are
credit for anything else, THEN they expire in 365 days...

Here's a another curiosity: I was reading through the rule book (March
'94 printing by the W5YI group) today, and noticed that it lists the
license classes as Novice, Tech, General, Advanced, and Amateur Extra.
ie - technically, there are only five license classes. I've gotten into
debates with friends about whether there are five or six license
classes. Since they're now going to actually print "Tech Plus" on the
licenses are they modifying the rules to call it six license classes, or
will it still be five classes with special circumstances for one of
them? Just curious....

73 de KE4CLW,
John in Austin, TX

End of Info-Hams Digest V94 #818
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